SUNDERLAND
Cancer Incidence by Sex, 1993 - 1997
Expected and Observed Case Counts, with Standardized Incidence Ratios

	Exp	Obs	SIR		Exp	Obs	SIR
Bladder, Urinary				**Melanoma of Skin**			
Male	1.35	0	NC*	Male	0.99	3	NC*
Female	0.51	0	NC*	Female	0.85	0	NC*
Total	1.86	0	NC*	Total	1.84	3	NC*
Brain and Other Central Nervous System				**Multiple Myeloma**			
Male	0.58	0	NC*	Male	0.25	1	NC*
Female	0.48	0	NC*	Female	0.23	0	NC*
Total	1.06	0	NC*	Total	0.48	1	NC*
Breast				**Non-Hodgkin's Lymphoma**			
Male	0.09	0	NC*	Male	1.35	3	NC*
Female	9.20	7	76	Female	1.05	2	NC*
Total	9.29	7	75	Total	2.40	5	209
Cervix Uteri				**Oral Cavity and Pharynx**			
				Male	0.98	0	NC*
Female	0.81	1	NC*	Female	0.45	0	NC*
				Total	1.44	0	NC*
Colon / Rectum				**Ovary**			
Male	3.44	3	NC*				
Female	3.27	1	NC*	Female	1.17	3	NC*
Total	6.71	4	NC*				
Esophagus				**Pancreas**			
Male	0.49	0	NC*	Male	0.52	0	NC*
Female	0.16	0	NC*	Female	0.53	0	NC*
Total	0.65	0	NC*	Total	1.05	0	NC*
Hodgkin's Disease				**Prostate**			
Male	0.39	0	NC*	Male	8.00	5	62
Female	0.30	0	NC*				
Total	0.70	0	NC*				
Kidney and Renal Pelvis				**Stomach**			
Male	0.85	0	NC*	Male	0.60	0	NC*
Female	0.49	0	NC*	Female	0.37	0	NC*
Total	1.34	0	NC*	Total	0.96	0	NC*
Larynx				**Testis**			
Male	0.49	0	NC*	Male	0.68	0	NC*

	Exp	Obs	SIR			Exp	Obs	SIR
Female	0.13	0	NC*					
Total	0.62	0	NC*					

Leukemia   **Thyroid**

	Exp	Obs	SIR			Exp	Obs	SIR
Male	0.69	0	NC*		Male	0.26	0	NC*
Female	0.53	1	NC*		Female	0.71	1	NC*
Total	1.22	1	NC*		Total	0.97	1	NC*

Liver and Intrahepatic Bile Ducts   **Uteri, Corpus and Uterus, NOS**

	Exp	Obs	SIR			Exp	Obs	SIR
Male	0.29	0	NC*					
Female	0.11	0	NC*		Female	1.62	1	NC*
Total	0.40	0	NC*					

Lung and Bronchus   **All Sites / Types**

	Exp	Obs	SIR			Exp	Obs	SIR
Male	4.36	5	115		Male	28.89	22	76
Female	3.19	2	NC*		Female	28.24	22	78
Total	7.55	7	93		Total	57.12	44	77

Exp = expected case count, based on the Massachusetts average age-specific incidence rates for this cancer

Obs = observed case count

SIR = standardized incidence ratio [(**Obs** / **Exp**) X 100]

* = **SIR** and statistical significance not calculated when **Obs** < 5

+ indicates number of observed cases is statistically significantly higher than the expected number of cases

- indicates number of observed cases is statistically significantly lower than the expected number of cases

# indicates statistical significance at the $p \leq 0.05$ level

~ indicates statistical significance at the $p \leq 0.01$ level, as well as at the $p \leq 0.05$ level

^ indicates statistical significance at the $p \leq 0.001$ level, as well as at the $p \leq 0.05$ and $p \leq 0.01$ levels